

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20040001609" .pn. "20040001164" .pn.	US-PGPUB	OR	OFF	2007/03/09 16:48
S2	6	((("20010017709") or ("20020002679") or ("6996248") or ("6975746") or ("6738493") or ("6233347"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/07 13:17
S3	2245	382/100.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/12 13:25
S4	312	358/3.28.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/07 13:19
S5	2271	713/176.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/12 12:09
S6	1539	(S3 S4) and watermark\$3	US-PGPUB; USPAT	OR	OFF	2007/03/09 16:52
S7	691	S6 and (DCT wavelet\$1)	US-PGPUB; USPAT	OR	OFF	2007/03/07 13:20
S8	452	S6 and (wavelet\$1)	US-PGPUB; USPAT	OR	OFF	2007/03/07 13:20
S9	3	(S3 S4) and watermark\$3 and (serial adj bit adj sequenc\$3)	US-PGPUB; USPAT	OR	OFF	2007/03/07 13:23
S11	6	((("20040028256") or ("20040001610") or ("20040145661") or ("20060033942") or ("20030196086") or ("20020059520"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/07 13:56
S12	25	MURAKAMI-TOMOCHIKA.in.	US-PGPUB; USPAT	OR	OFF	2007/03/07 13:40
S13	1263	(S3 S4) and watermark\$3 not rhoads.in.	US-PGPUB; USPAT	OR	OFF	2007/03/09 13:00
S14	23	(S3 S4) and watermark\$3 not rhoads.in. and msb\$1 same lsb\$1	US-PGPUB; USPAT	OR	OFF	2007/03/07 14:04
S15	9	(S3 S4) and watermark\$3 and (xor\$3 near6 (bit\$1 lsb\$1)) and mask\$3 near4 bit\$1	US-PGPUB; USPAT	OR	OFF	2007/03/07 14:07
S16	58	(S3 S4) and watermark\$3 and (xor\$3 near6 (bit\$1 lsb\$1))	US-PGPUB; USPAT	OR	OFF	2007/03/07 14:14
S17	28	(S3 S4) and watermark\$3 and (neighbor\$5 near3 pixel\$1) same (embed\$6 insert\$5 watermark\$3) same (bit\$1 lsb\$1 msb\$1)	US-PGPUB; USPAT	OR	OFF	2007/03/07 14:26
S18	11	("20030035565"   "5721788"   "5862260"   "6111990"   "6111991"   "6175639"   "6181802"   "6222932"   "6285775"   "6453053"   "6473516").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 14:24
S19	135	(S3 S4) and watermark\$3 and ((surround\$5 neighbor\$5 adjacent\$1 nearby) near3 pixel\$1) same (bit\$1 lsb\$1 msb\$1)	US-PGPUB; USPAT	OR	OFF	2007/03/07 14:59
S20	84	(S3 S4) and watermark\$3 and bit\$1 near2 region\$1	US-PGPUB; USPAT	OR	OFF	2007/03/07 17:06
S21	35	(S3 S4) and watermark\$3 and bit\$1 near1 region\$1	US-PGPUB; USPAT	OR	OFF	2007/03/07 14:36

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S22	29	(S3 S4) and watermark\$3 and bit\$1 adj1 region\$1	US-PGPUB; USPAT	OR	OFF	2007/03/07 14:45
S23	0	(S3 S4) and watermark\$3 and (determin\$7 near4 which near3 (lsb\$1))	US-PGPUB; USPAT	OR	OFF	2007/03/07 15:00
S24	4	(S3 S4) and watermark\$3 and (select\$5 near4 number\$1 near3 (lsb\$1))	US-PGPUB; USPAT	OR	OFF	2007/03/07 15:09
S25	0	(S3 S4) and watermark\$3 and (choos\$5 near4 number\$1 near3 (lsb\$1))	US-PGPUB; USPAT	OR	OFF	2007/03/07 15:03
S26	7	(S3 S4) and watermark\$3 and (number\$1 near3 (lsb\$1))	US-PGPUB; USPAT	OR	OFF	2007/03/07 15:07
S27	5	(S3 S4) and watermark\$3 and ((choos\$4 select\$5 determin\$7) near2 number\$1 near2 (bit\$1) near4 (embed\$5 insert\$5))	US-PGPUB; USPAT	OR	OFF	2007/03/07 15:09
S28	0	("7065226").URPN.	USPAT	OR	OFF	2007/03/07 15:41
S29	5	("5721788"   "6072888"   "6285774"   "6341350"   "6510233").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 15:41
S30	0	("6959101").URPN.	USPAT	OR	OFF	2007/03/07 15:41
S31	10	("20030068068"   "5761686"   "5933798"   "6130741"   "6181802"   "6222932"   "6360000"   "6442284"   "6665417"   "6678389").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 15:41
S32	5	("6600828").URPN.	USPAT	OR	OFF	2007/03/07 15:41
S33	8	("4760541"   "5848155"   "6094722"   "6097847"   "6137892"   "6208735"   "6233347"   "6425082").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 15:41
S34	8	("6137892").URPN.	USPAT	OR	OFF	2007/03/07 15:41
S35	12	("3638188"   "3914877"   "4310180"   "4488245"   "4644582"   "4825393"   "5067162"   "5093867"   "5315098"   "5337361"   "5374976"   "5721788").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 15:41
S36	0	("7174030").URPN.	USPAT	OR	OFF	2007/03/07 15:42
S37	5	("20020099943"   "6044182"   "6055321"   "6122403"   "6823455").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 15:42
S38	0	("6944314").URPN.	USPAT	OR	OFF	2007/03/07 15:42
S39	6	("6584210"   "6668068"   "6687383"   "6697497"   "6711276"   "6757405").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 15:42
S40	1	("6968072").URPN.	USPAT	OR	OFF	2007/03/07 15:42
S41	9	("20020031241"   "20020051559"   "20030081809"   "6215421"   "6396539"   "6501397"   "6580804"   "6650782"   "6680748").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 16:39
S42	1	(lee and chen).in. and watermark\$3.ti,ab.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/07 16:39

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S43	0	(S3 S4) and watermark\$3 and variable\$6 near2 lsb\$1	US-PGPUB; USPAT	OR	OFF	2007/03/07 16:53
S44	0	(S3 S4) and watermark\$3 and variable\$6 near6 lsb\$1	US-PGPUB; USPAT	OR	OFF	2007/03/07 16:55
S45	5	watermark\$3 and variable\$6 near6 lsb\$1	US-PGPUB; USPAT	OR	OFF	2007/03/07 17:02
S46	0	watermark\$3 and variable\$6 adj size\$1 near3 significant	US-PGPUB; USPAT	OR	OFF	2007/03/07 17:01
S47	3	watermark\$3 and variable\$6 near6 msb\$1	US-PGPUB; USPAT	OR	OFF	2007/03/07 17:06
S48	98	(S3 S4) and watermark\$3 and bit\$1 near5 msb\$1 with lsb\$1	US-PGPUB; USPAT	OR	OFF	2007/03/07 17:43
S49	34	(S3 S4) and watermark\$3 and jpeg2000	US-PGPUB; USPAT	OR	OFF	2007/03/07 17:44
S50	54	(S3 S4) and watermark\$3 and jpeg adj "2000"	US-PGPUB; USPAT	OR	OFF	2007/03/07 17:44
S51	80	(S3 S4) and watermark\$3 and (jpeg2000 (jpeg adj "2000"))	US-PGPUB; USPAT	OR	OFF	2007/03/07 17:51
S52	17	(S3 S4) and watermark\$3 and (jpeg2000 (jpeg adj "2000")) and lsb\$1	US-PGPUB; USPAT	OR	OFF	2007/03/07 17:51
S53	32	(S3 S4) and watermark\$3 and lsb\$1 same (coefficient\$1 dct wavelet\$1 DC LL (low adj frequenc\$5))	US-PGPUB; USPAT	OR	OFF	2007/03/07 18:14
S54	13	(S3 S4) and watermark\$3 and bit\$1 same xor\$3 same (coefficient\$1 dct wavelet\$1 DC LL (low adj frequenc\$5))	US-PGPUB; USPAT	OR	OFF	2007/03/07 18:17
S55	1	"5,875,249".pn.	US-PGPUB; USPAT	OR	OFF	2007/03/07 18:17
S56	116	("5875249").URPN.	USPAT	OR	OFF	2007/03/07 18:19
S57	2248	382/100.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/09 13:01
S58	314	358/3.28.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/09 13:01
S59	86	(S57 S58) and watermark\$3 and (embed\$5 insert\$5 modif\$7) near4 (LL DC (low adj frequenc\$4))	US-PGPUB; USPAT	OR	OFF	2007/03/09 13:54
S60	72	(S57 S58) and watermark\$3 and (embed\$5 insert\$5 modif\$7) near4 (LL DC (low adj frequenc\$4)) and (wavelet\$1 jpeg\$4)	US-PGPUB; USPAT	OR	OFF	2007/03/09 13:06
S61	10	(S57 S58) and watermark\$3 and (embed\$5 insert\$5 modif\$7) near4 (LL DC (low adj frequenc\$4)) same (bit\$1 lsb\$1 msb\$1) and (wavelet\$1 jpeg\$4)	US-PGPUB; USPAT	OR	OFF	2007/03/09 13:34
S62	1	"5530759".pn.	US-PGPUB; USPAT	OR	OFF	2007/03/09 13:34
S63	131	(S57 S58) and watermark\$3 and (neighbor\$6 surround\$6 adjacent) near5 correlat\$6	US-PGPUB; USPAT	OR	OFF	2007/03/09 14:08

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S64	21	("6567531").URPN.	USPAT	OR	OFF	2007/03/09 14:01
S65	232	(S57 S58) and watermark\$3 and (specif\$5 determin\$5 select\$4 choos\$4 ascertain\$5) near6 (number\$1 amount\$1 (how adj many)) near4 (bit\$1 lsb\$1 msb\$1)	US-PGPUB; USPAT	OR	OFF	2007/03/09 14:10
S66	120	(S57 S58) and watermark\$3 and (specif\$5 determin\$5 select\$4 choos\$4 ascertain\$5) near6 (number\$1 amount\$1 (how adj many)) near4 (bit\$1 lsb\$1 msb\$1) not rhoads.in.	US-PGPUB; USPAT	OR	OFF	2007/03/09 14:13
S67	31	(S57 S58) and watermark\$3 and (specif\$5 determin\$5 select\$4 choos\$4 ascertain\$5) near6 (number\$1 amount\$1 (how adj many)) near4 (bit\$1 lsb\$1 msb\$1) near8 pixel\$1 not rhoads.in.	US-PGPUB; USPAT	OR	OFF	2007/03/09 15:08
S68	33	(S57 S58) and watermark\$3 and (error adj diffusion).ti,ab,bstx.	US-PGPUB; USPAT	OR	OFF	2007/03/09 15:08
S69	0	"6278791".pn.	US-PGPUB	OR	OFF	2007/03/09 16:48
S70	1	"6278791".pn.	US-PGPUB; USPAT	OR	OFF	2007/03/09 16:48
S71	2248	382/100.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/09 16:52
S72	314	358/3.28.ccls.	US-PGPUB; USPAT	OR	OFF	2007/03/09 16:52
S73	28	(S71 S72) and ((visibl\$3 visual\$3) near2 watermark\$3) same (removabl\$3 reversibl\$3)	US-PGPUB; USPAT	OR	OFF	2007/03/09 17:46
S74	30	(S71 S72) and ((visibl\$3 visual\$3) near2 watermark\$3).ti,ab.	US-PGPUB; USPAT	OR	OFF	2007/03/09 18:09
S75	0	("7046818").URPN.	USPAT	OR	OFF	2007/03/09 17:51
S76	14	("6037984"   "6154541"   "6208745"   "6222932"   "6229924"   "6240121"   "6246802"   "6285775"   "6343138"   "6411725"   "6539475"   "6611607"   "6668246"   "6671376").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/09 17:51
S77	217	(S71 S72) and ((visibl\$3 visual\$3) near2 watermark\$3).bstx. not S74	US-PGPUB; USPAT	OR	OFF	2007/03/09 18:10
S78	78	(S71 S72) and ((visibl\$3 visual\$3) near2 watermark\$3) and lsb\$1	US-PGPUB; USPAT	OR	OFF	2007/03/09 18:14
S79	136	(S71 S72) and ((visibl\$3 visual\$3) near2 watermark\$3) and (pixel\$1 bit\$1) near6 (adjacent\$3 neighbor\$5 surround\$5)	US-PGPUB; USPAT	OR	OFF	2007/03/10 13:20
S80	33	("382"/\$.ccls. "358"/\$.ccls.) and ((visibl\$3 visual\$3) near2 watermark\$3).ti,ab.	US-PGPUB; USPAT	OR	OFF	2007/03/10 14:43
S81	8	("20020107750"   "20020164047"   "20030039376"   "20030112974"   "20030196093"   "20030208679"   "6826559"   "6912512").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/10 13:26

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S82	6	("4776013"   "5216724"   "5321470"   "5363212"   "5426710"   "5434649").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/10 13:30
S83	223	("5530759").URPN.	USPAT	OR	OFF	2007/03/10 13:42
S84	4	("382"/\$.ccls. "358"/\$.ccls.) and (watermark\$3 same lsb\$1 same (wavelet\$1 dwt\$1))	US-PGPUB; USPAT	OR	OFF	2007/03/10 14:21
S85	110	("382"/\$.ccls. "358"/\$.ccls.) and (watermark\$3 same bit\$1 same (wavelet\$1 dwt\$1))	US-PGPUB; USPAT	OR	OFF	2007/03/10 14:29
S86	200	(watermark\$3 same (wavelet\$1 dwt\$1)) and (number adj3 (bit\$1 lsb\$1))	US-PGPUB; USPAT	OR	OFF	2007/03/10 14:42
S87	88	(watermark\$3 same (jpeg2000 (jpeg adj "2000"))) and (number adj3 (bit\$1 lsb\$1))	US-PGPUB; USPAT	OR	OFF	2007/03/10 14:38
S88	94	(watermark\$3 same (jpeg2000 (jpeg adj "2000"))) and "382"/\$.ccls. and capacity	US-PGPUB; USPAT	OR	OFF	2007/03/10 14:38
S89	11	(watermark\$3 same (jpeg2000 (jpeg adj "2000"))) and "382"/\$.ccls. and capacity same (bit\$1 lsb\$1)	US-PGPUB; USPAT	OR	OFF	2007/03/10 14:41
S90	0	(watermark\$3 same (wavelet\$1 dwt\$1)) and "382"/\$.ccls. and bitplane\$1.ti,ab,bstx.	US-PGPUB; USPAT	OR	OFF	2007/03/10 14:41
S91	4	(watermark\$3 same (wavelet\$1 dwt\$1)) and "382"/\$.ccls. and bitplane\$1	US-PGPUB; USPAT	OR	OFF	2007/03/10 14:42
S92	0	(watermark\$3 same (wavelet\$1 dwt\$1)) and bitplane\$1	FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/03/10 14:42
S93	0	(watermark\$3 same (wavelet\$1 dwt\$1)) and (number adj3 (bit\$1 lsb\$1))	FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/03/10 14:42
S94	1009	("382"/100.ccls. )and watermark\$3.ti,ab.	US-PGPUB; USPAT	OR	OFF	2007/03/10 14:47
S95	19	("382"/100.ccls. )and (watermark\$3 and (LL DC (low adj frequenc\$5))).ti,ab.	US-PGPUB; USPAT	OR	OFF	2007/03/10 14:54
S96	11	("6226387"   "6285775"   "6332030"   "6385329"   "6415042"   "6556689"   "6687824"   "6694040"   "6728409"   "6785401"   "6792129").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/10 15:00
S97	270	713/176.ccls. and (DCT DWT wavelet\$1) and watermark\$3 near4 image\$1	US-PGPUB; USPAT	OR	OFF	2007/03/12 12:10
S98	34	713/176.ccls. and (DCT DWT wavelet\$1) and (watermark\$3 same image\$1) same (lsb\$1 (least adj significant))	US-PGPUB; USPAT	OR	OFF	2007/03/12 12:10
S99	323	382/100.ccls. and watermark\$1 near2 (visibl\$3 visual)	US-PGPUB; USPAT	OR	OFF	2007/03/12 13:25